In the Claims:

- 1. (Currently Amended) A coupler knuckle casting having an enhanced bearing surface area, said coupler knuckle casting utilized in a railway freight car coupler, said coupler knuckle casting having said enhanced bearing surface area comprising:
 - (a) a tail section;
 - (b) a hub section, said hub section having a pivot pinhole formed therein;
- (e)—a front face section connected to said hub section, said front face section including a nose section and a pulling face portion formed inwardly from said nose section, at least a portion of said pulling face portion and said nose section includes an enhanced bearing surface area which includes a substantially flat portion at the pulling face section disposed substantially in a vertical direction and which is substantially arcuate in a horizontal direction, said substantially flat portion extending for a predetermined distance in said vertical direction and for a predetermined length along said horizontal direction, the vertical direction comprising a general direction extending from a top of the coupler to the bottom; and
- (d)—a transition section joining said tail section to said hub section, said transition section including a top metal section and a bottom metal section extending toward each other; and

wherein a horizontal line tangential to an intermediate area of the enhanced bearing surface area substantially flat portion substantially arcuate in the horizontal direction is perpendicular to a longitudinal axis of the coupler knuckle casting.

- 2. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according claim 1, wherein said predetermined distance said substantially flat portion extends in said vertical direction is generally in a range of between about 3.5 inches and about 7.0 inches.
- 3. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according to claim 2, wherein said predetermined distance said substantially flat

portion extends in said vertical direction is generally in a range of between about 4.0 inches and about 5.5 inches.

- 4. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according to claim 3, wherein said predetermined distance said substantially flat portion extends in said vertical direction is generally in a range of between about 4.0 inches and about 4.5 inches.
- 5. (Original) A coupler knuckle casting having an enhanced bearing surface area, according to claim 1, wherein said coupler knuckle is cast steel.
- 6. (Original) A coupler knuckle casting having an enhanced bearing surface area, according to claim 4, wherein said coupler knuckle is cast steel.
 - 7. (Canceled)
 - 8. (Canceled)
 - 9. (Canceled)
- 10. (Original) A coupler knuckle casting having an enhanced bearing surface area, according to claim 1, wherein said enhanced bearing surface area is hardened to a predetermined hardness.
- 11. (Original) A coupler knuckle casting having an enhanced bearing surface area, according to claim 10, wherein said predetermined hardness is at least about 40 Rockwell C.
- 12. (Original) A coupler knuckle casting having an enhanced bearing surface area, according to claim 1, wherein said nose section includes a generally cylindrical opening formed in an end portion thereof.

4

- 13. (Currently Amended) In combination with a railway freight car coupler, the improvement comprising a coupler knuckle casting having an enhanced bearing surface area, said coupler knuckle casting having:
 - (a) a tail section;
 - (b) a hub section, said hub section having a pivot pinhole formed therein;
- (e)—a front face section connected to said hub section, said front face section including a nose section and a pulling face portion formed inwardly from said nose section, at least a portion of said pulling face portion and said nose section includes an enhanced bearing surface area which includes a substantially flat portion at the pulling face section disposed substantially in a vertical direction and which is substantially arcuate in a horizontal direction, said substantially flat portion extending for a predetermined distance in said vertical direction and for a predetermined length along said horizontal direction, the vertical direction comprising a general direction extending from a top of the coupler to the bottom; and
- (d)—a transition section joining said tail section to said hub section, said transition section including a top metal section and a bottom metal section extending toward each other; and

wherein a horizontal line tangential to an intermediate area of the enhanced bearing surface area substantially flat portion substantially arcuate in the horizontal direction is perpendicular to a longitudinal axis of the coupler knuckle casting.

14. (Original) The combination, according to claim 13, wherein said nose section includes a generally cylindrical opening formed in an end portion thereof.

- 15. (Currently Amended) In combination with an existing railway freight car coupler, the improvement comprising retrofitting a coupler knuckle casting having an enhanced bearing surface area into said existing railway freight car coupler, said coupler knuckle casting having:
 - (a)—a tail section;
 - (b) a hub section, said hub section having a pivot pinhole formed therein;
- (e)—a front face section connected to said hub section, said front face section including a nose section and a pulling face portion formed inwardly from said nose section, at least a portion of said pulling face portion and said nose section includes an enhanced bearing surface area which includes a substantially flat portion at the pulling face section disposed substantially in a vertical direction and which is substantially arcuate in a horizontal direction, said substantially flat portion extending for a predetermined distance in said vertical direction and for a predetermined length along said horizontal direction, the vertical direction comprising a general direction extending from a top of the coupler to the bottom; and
- (d)—a transition section joining said tail section to said hub section, said transition section including a top metal section and a bottom metal section extending toward each other; and

wherein a horizontal line tangential to an intermediate area of the enhanced bearing surface area substantially flat portion substantially arcuate in the horizontal direction is perpendicular to a longitudinal axis of the coupler knuckle casting.

- 16. (Original) The combination, according to claim 15, wherein said nose section includes a generally cylindrical opening formed in an end portion thereof.
- 17. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according to claim 1, wherein said predetermined length along said horizontal direction which is substantially arcuate extends over at least a portion of said hub section, said front face section and at least a portion of said nose section.

- 18. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according to claim 4, wherein said predetermined length along said horizontal direction which is substantially arcuate extends over at least a portion of said hub section, said front face section and at least a portion of said nose section.
- 19. (Previously Presented) A coupler knuckle casting having an enhanced bearing surface area, according to claim 6, wherein said predetermined length along said horizontal direction which is substantially arcuate extends over at least a portion of said hub section, said front face section and at least a portion of said nose section.